



Italy's solar energy storage plan announced

How much will Italy spend on a centralised electricity storage system?

The European Commission has approved a EUR17.7 billion (\$19.5 billion) Italian scheme to support the construction and operation of a centralised electricity storage system to integrate renewable energy sources into the country's electricity system.

Will Italy support the construction of electricity storage facilities?

Approved under EU state aid rules, the Italian scheme will support the construction of electricity storage facilities with a joint capacity of more than 9GW/71GWh and will run until 31 December 2033.

Does Italy need 9gw/71gwh of energy storage?

Italy's TSO Terna says it needs 9GW/71GWh of energy storage by integrate its renewables pipeline. Image: Terna. The European Union (EU) Commission has approved a state aid scheme aiming to fund the rollout of over 9GW/71GWh of energy storage in Italy.

What's happening in Italy's solar market in 2024?

ROTTERDAM, THE NETHERLANDS - 15 JANUARY 2024 - After hitting a slump between 2014 and 2021, the Italian solar market has experienced landmark growth over the last two years and has closed in on 30 GW of cumulative PV capacity.

What is Italy's state aid scheme?

REUTERS/Yara Nardi/File Photo Purchase Licensing Rights BRUSSELS, Dec 21 (Reuters) - The European Commission on Thursday said it had approved a 17.7 billion-euro (\$19.4 billion) Italian state aid scheme to support the development of a centralised system to store electricity from renewable sources.

How will a centralised electricity storage system help res producers?

This platform will enable RES producers to use the storage assets supported by the measure to directly shift their electricity production from times of overgeneration to times of scarcity. The European Commission has approved a EUR17.7 billion Italian scheme for a centralised electricity storage system.

These profits will then be used to help finance a EUR1.7 billion (US\$1.9 million) energy package announced by Italy's government last month that is aimed at curbing soaring energy bills.

In 2023, residential energy storage continued to dominate Italy's energy storage landscape, representing the largest application scenario for newly added installations. ...

The Birth of a Super Plan. The European Commission announced last Thursday the approval of Italy's EUR17.7 billion plan to aid the construction of energy storage facilities exceeding 9 GW/71 GWh. This plan,



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slated to continue until the end of 2033, will provide annual payments to electricity storage developers to cover investment and operational costs.

Terna, the Italian grid operator, announced an \$18 billion investment plan in March to expand and modernize the Italian grid by 2028 to address these issues. The country is also in the process of passing a law that would prohibit the deployment of solar energy on agricultural land.

Future prospects. The "National Energy Strategy", SEN, published in 2017 and in the "Proposal of an Integrated National Plan for Energy and Climate" (PNIEC), published in December 2018 outline a target of reaching 50 GW of Solar PV installed power by 2030. [14] This is part of a strategy to obtain 30% of Gross Final Energy Consumption from renewable sources by 2030, a measure ...

The Winners Are Set to Be Announced for the Energy Storage Awards! Energy Storage Awards, 21 November 2024, Hilton London Bankside. ... Plans by Italy's grid operator to allow for the interconnection of energy storage to the network have resulted in the country's first grid-connected solar-smoothing storage facility being ...

As part of the agreement, Eku is already funding projects with over 100MW of combined capacity in the South of the country, where renewable energy penetration from solar PV is high. Sandra Grauers Nilsson, CEO of Eku Energy commented: "Italy is a key market for Eku Energy as we continue our global expansion, and we're thrilled to have partnered with Renera ...

The new market rules will allow grid operator Terna to run large-scale energy storage auctions. Terna will now run a consultation with the industry on the proposed new auction system and the first auctions should take place in late 2023/early 2024, two developers interviewed for a special feature in PV Tech Power (Vol.35) (Premium access) recently told ...

The Winners Are Set to Be Announced for the Energy Storage Awards! Energy Storage Awards, 21 November 2024, Hilton London Bankside. ... Most of Italy's battery energy storage deployments to-date have been in the residential sector, but large-scale systems connected to the country's grid, operated by Terna, are set to come online in the next ...

The Winners Are Set to Be Announced for the Energy Storage Awards! Energy Storage Awards, 21 November 2024, Hilton London Bankside ... Italy, on a 13MWh thermal energy storage (TES) plant based on a patented technology. ... A 100MW thermal solar and molten salt energy storage system in Xinjiang, China, is set to be completed and grid ...

In 2023, Italy upgraded its already substantial PV capacity base with 4.8 GW of new solar capacity, thereby again ranking as one of Europe's largest three solar markets. The ...



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The Italian solar sector installed over 1.7GW of solar PV capacity in Q1 2024, a significant increase compared with the same period in 2023. ... announced in March a US\$18 billion investment plan ...

Alongside the solar ramp up, ERG said it is exploring new opportunities in the energy storage sector, evaluating a pipeline of 150MW of projects, both in Italy and abroad. The company announced ...

The European Commission on Thursday said it had approved a 17.7 billion-euro (\$19.4 billion) Italian state aid scheme to support the development of a centralised system ...

UK battery storage developer Field Energy has announced plans to expand into Italy, a market where the utility-scale sector is set to grow substantially from a negligible base today. The firm has hired Emanuele Taibi as country general manager and Roberto Nardi as project development lead, who will together lead a Rome-based team.

This aligns with Italy's national energy and climate plans, which aim to achieve a 45% share of renewable energy in gross final energy consumption by 2030. In February 2023, the Energy and Environment Ministry of Italy announced that the government plans to add a minimum of 70 GW of renewable energy capacity to the national grid by 2030.

The European Commission (EC) has greenlit a EUR-17.7-billion (USD 19.4bn) Italian scheme to aid the construction of more than 9 GW/71 GWh of electricity storage facilities, it announced on Thursday. The scheme will run till the end of 2033 and will provide annual ...

The announcement by the pair is the latest in a flurry of similar announcements by other firms looking to stake a place in the burgeoning grid-scale energy storage market in Italy. In July, Developers Eku Energy and Renera Energy announced plans to deploy 1GW of BESS projects in Italy shortly after Altea Green Power revealed it was selling a ...

According to data released last week by Italian solar energy association Italia Solare, Italy's independent energy storage installations surged in the first half of 2024, with a ...

Cubico's portfolio in Italy includes solar, wind and battery energy storage technologies. The company has an operational portfolio of almost 50 projects with a total capacity exceeding 250MW, and 28 projects in the development pipeline. ... In February this year, the company announced a joint venture with Italian battery storage developer and ...

SUSI Partners said the expansion was based on the growth of the broader ReFeel New Energy team and the progress of its solar PV business. Image: SUSI Partners. Swiss investment fund manager SUSI Partners has expanded the remit of its Italian solar PV platform ReFeel New Energy to develop utility-scale battery energy storage systems (BESS).



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The government of Italy should: Revise the National Energy and Climate Plan, in line with the European Union timetable, to strengthen energy security, including by defining a plan that would enable Italy to end any reliance on Russian fossil fuels, while incorporating Italy's commitments under the European Union's Fit-for-55 package and its ...

In November 2022, the newly launched Innovo Energy announced targeting a 1.5GW/9GWh Li-ion BESS portfolio in the UK and Italy. Spain-based Powertis partnered with German investment firm Aquila Capital to co-develop 421MW solar PV and 90MW energy storage projects in Italy in January 2022 (PV Tech, 2022).

The diversified business group will invest over INR 60,000 crore ((US\$ 8.1 billion) over the next three years to build Giga factories for solar, energy storage, electrolyzers, and fuel cells, respectively, to create a fully integrated, end-to-end renewables energy ecosystem. Additional INR 15,000 crore (US\$ 2 billion) is planned to create a value chain, partnerships, ...

The operational phase of the projects is targeted to be within the timeframe of the joint venture's latest industrial plan from 2023 to 2027, for which it forecasts to invest EUR1.7 billion (US ...

Italy's Ministry of the Environment and Energy Security (MASE) has submitted a revised proposal for the Integrated National Energy and Climate Plan (PNIEC or NECP). The new plan sets a target for Italy to achieve a 65% share of renewable energy in national electricity consumption by 2030.

In October, it announced plans for 10GW of US renewables projects by 2026, and since then it has acquired a 700MW solar PV portfolio in Colorado as part of a joint venture with Horus Energy ...

Italy's energy mix is increasingly composed of variable renewable energy sources. ... EU countries need to establish a 10-year integrated national energy and climate plan between 2021 and 2030. ... U.S. entrepreneurs interested in the Italian energy storage market and seeking representation and information on how the U.S. Commercial Service ...

The energy minister of Italy has signed a decree paving the way for an energy storage capacity auction to kick off in the first half of 2025. ... The Winners Are Set to Be Announced for the Energy Storage Awards! Energy Storage Awards, 21 November 2024, Hilton London Bankside ... were discussed at Solar Media's Energy Storage Summit EU 2024 ...

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Cubico Sustainable Investments has announced plans to develop 1GW-plus of battery energy storage system (BESS) projects in Italy. ... Italy's grid-scale energy storage market is set to be one of Europe's busiest this year, with some 2.6GW/8.9GWh set to come online according to LCP Delta. ... Energy-Storage.news" publisher Solar Media will ...

5 · In December 2023, the European Union approved Italy's EUR17.7 billion energy storage plan, which aims to invest EUR17.7 billion by the end of 2033 to build storage capacity totaling ...

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